

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091729.D
 Acq On : 18 Dec 2016 3:59
 Operator : UM/SJ
 Sample : H6101-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Quant Time: Dec 19 00:26:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

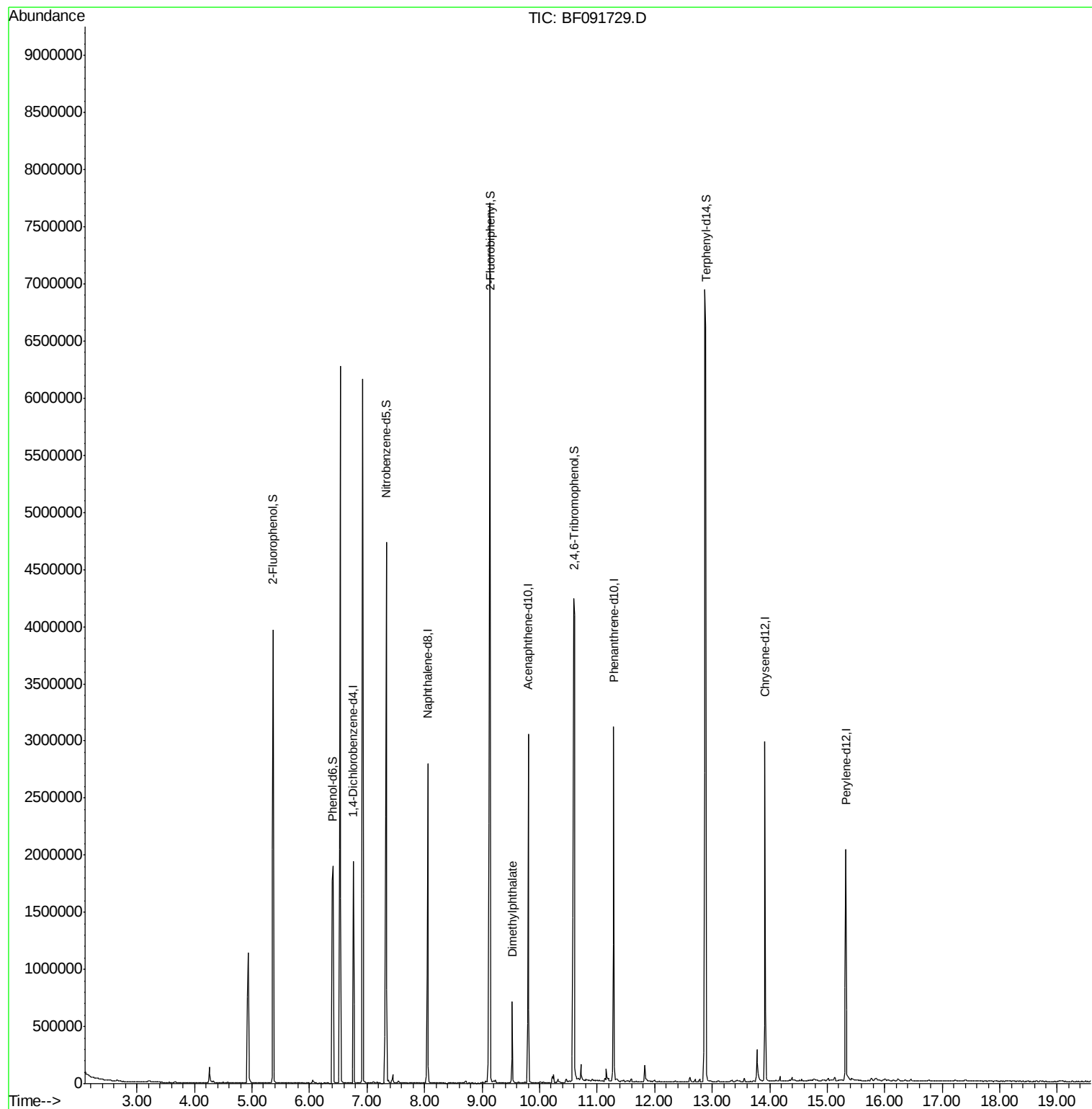
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	314789	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1353559	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	684963	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1233921	20.00	ng	0.00
75) Chrysene-d12	13.92	240	1007022	20.00	ng	-0.01
86) Perylene-d12	15.32	264	904459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1238323	65.91	ng	0.00
7) Phenol-d6	6.41	99	974310	42.52	ng	-0.01
23) Nitrobenzene-d5	7.33	82	2015316	85.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	908096	156.35	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3751082	110.02	ng	0.00
78) Terphenyl-d14	12.89	244	3765114	94.40	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	311797	6.97	ng	Qvalue 99

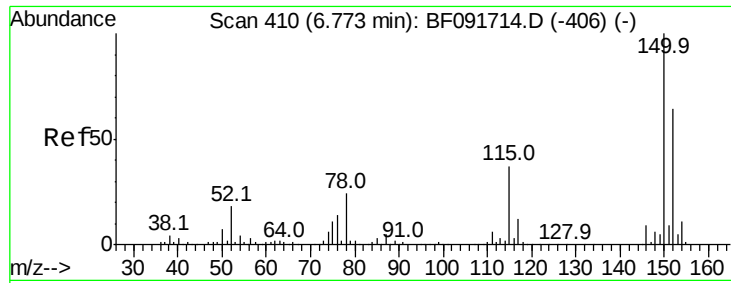
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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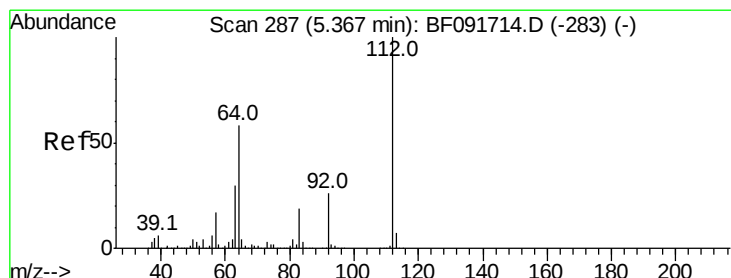
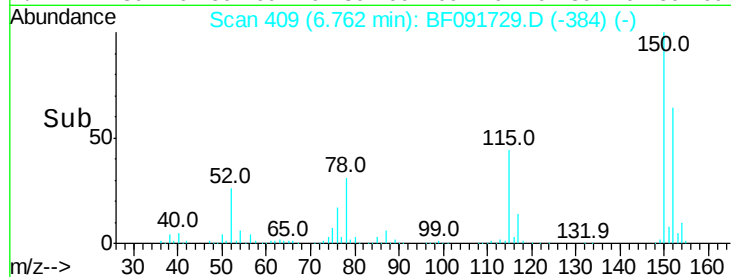
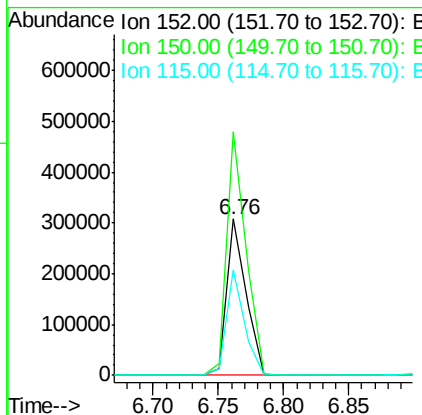
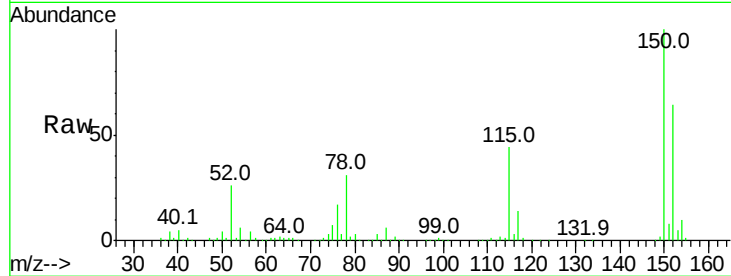


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

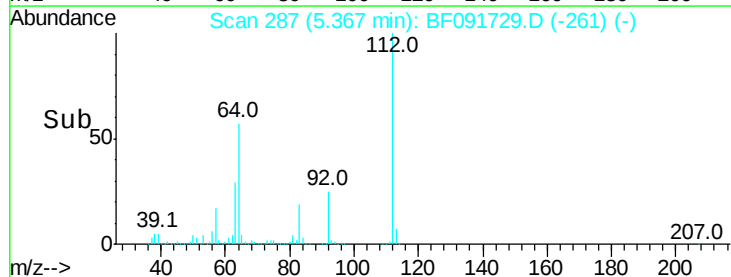
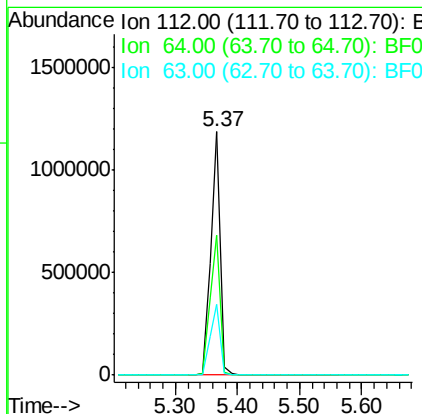
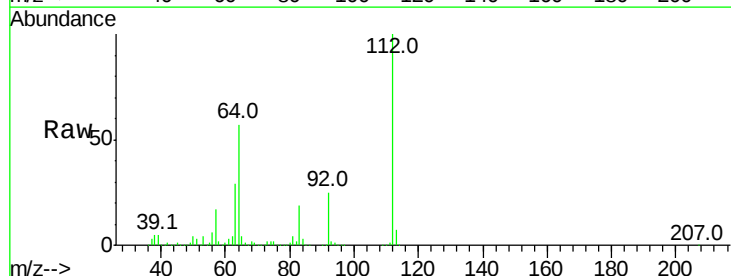
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	67.8	46.0	69.0

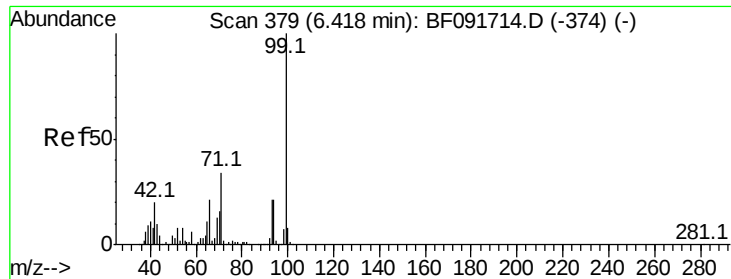


#5

2-Fluorophenol
 Concen: 65.91 ng
 RT: 5.37 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	29.1	23.8	35.6





#7

Phenol-d6

Concen: 42.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Instrument :

BNA_F

ClientSampleId :

SW01-121316

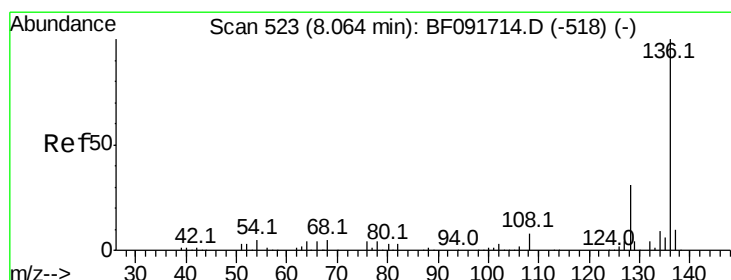
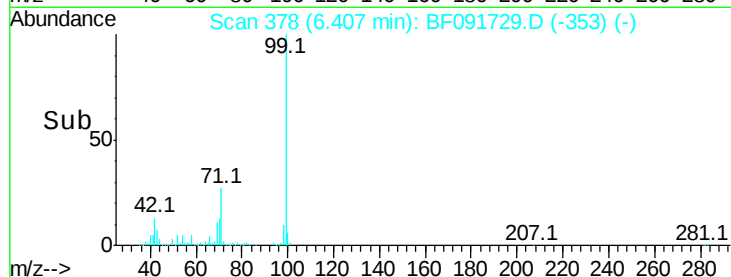
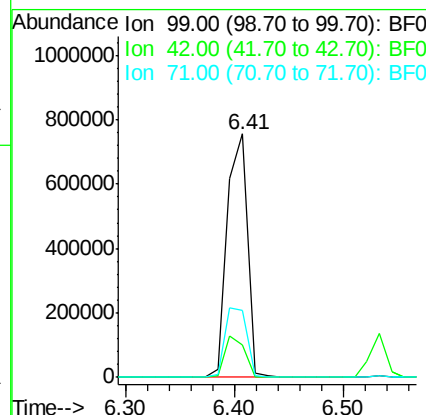
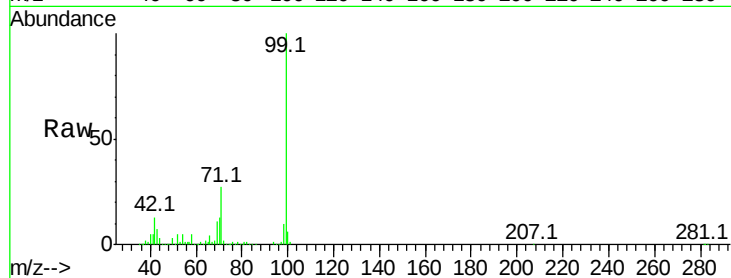
Tot Ion: 99 Resp: 974310

Ion Ratio Lower Upper

99 100

42 13.3 15.6 23.4#

71 27.4 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Tgt Ion: 136 Resp: 1353559

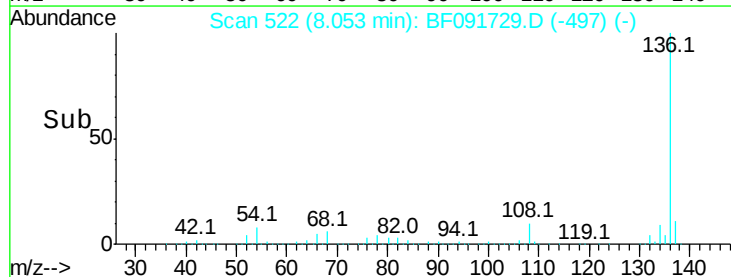
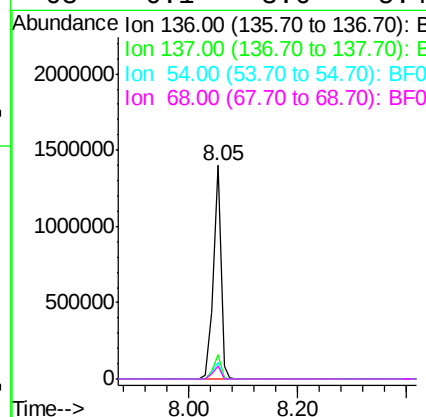
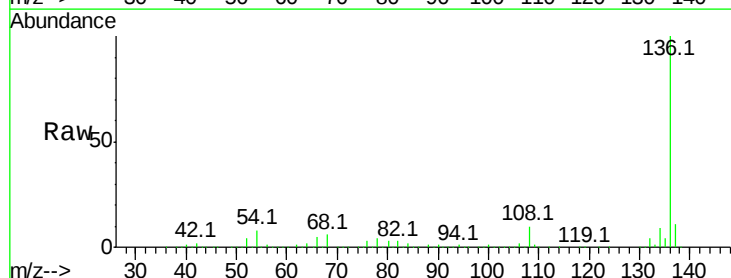
Ion Ratio Lower Upper

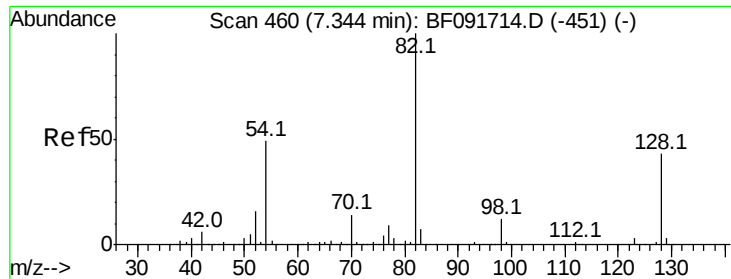
136 100

137 11.3 8.4 12.6

54 7.6 4.5 6.7#

68 6.1 3.6 5.4#

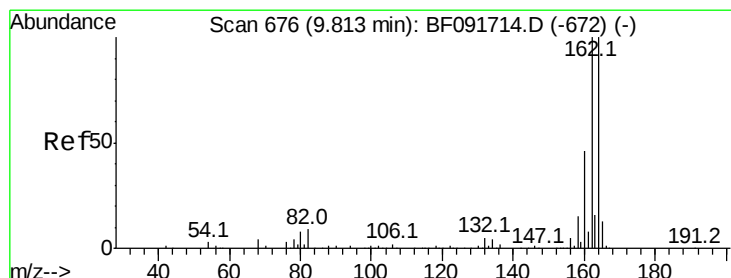
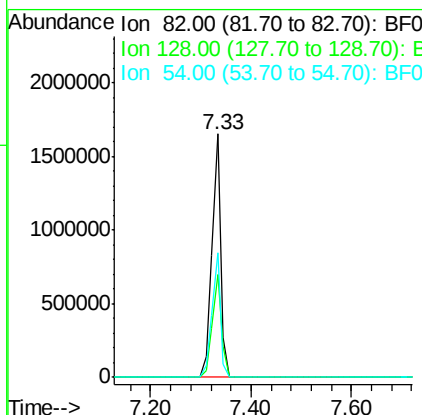
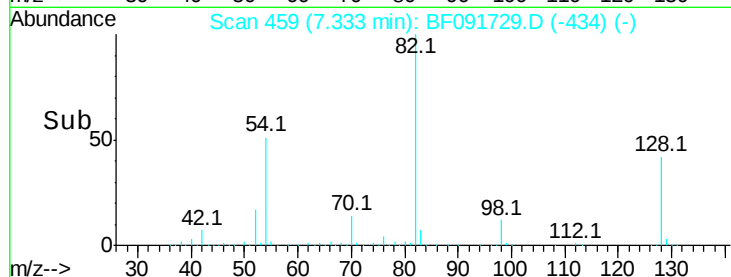
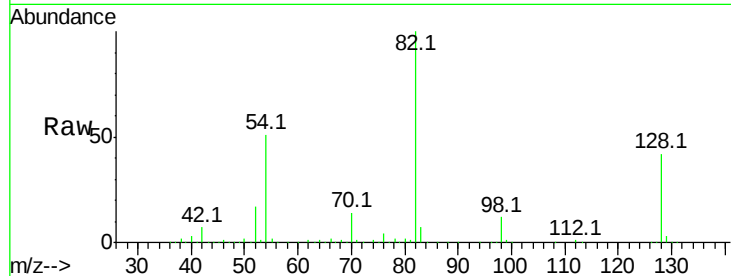




#23
Nitrobenzene-d5
Concen: 85.86 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

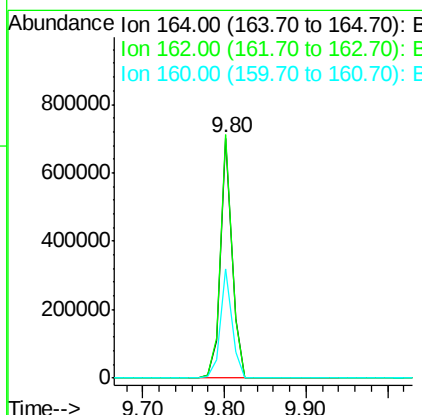
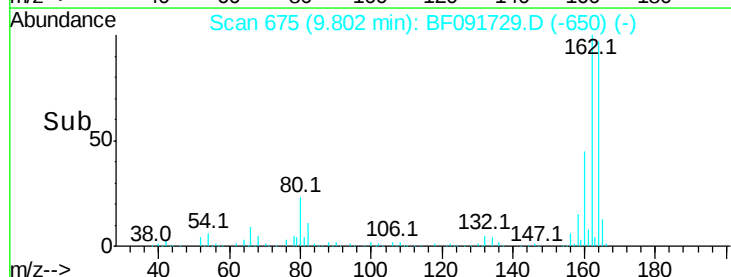
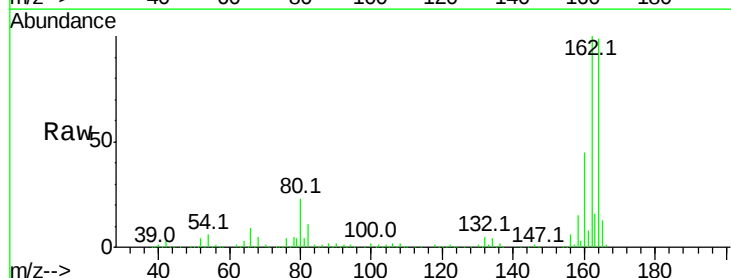
Instrument :
BNA_F
ClientSampleId :
SW01-121316

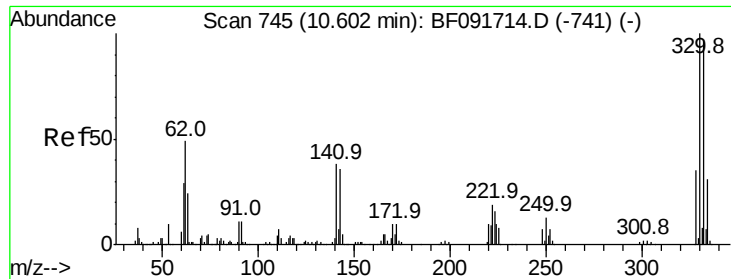
Tot Ion: 82 Resp: 2015316
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 51.0 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Tgt Ion:164 Resp: 684963
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 45.7 36.9 55.3

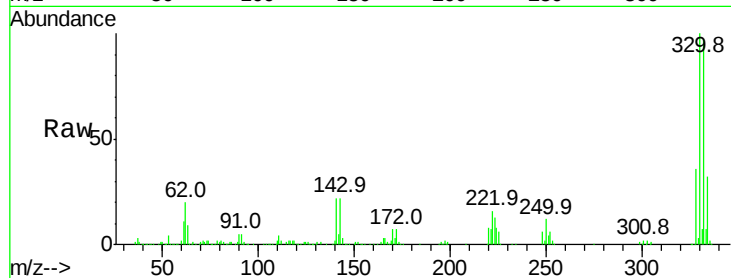




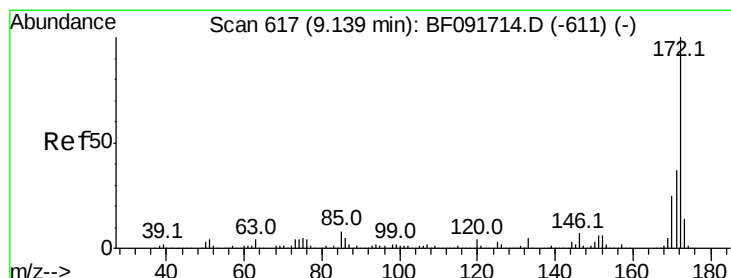
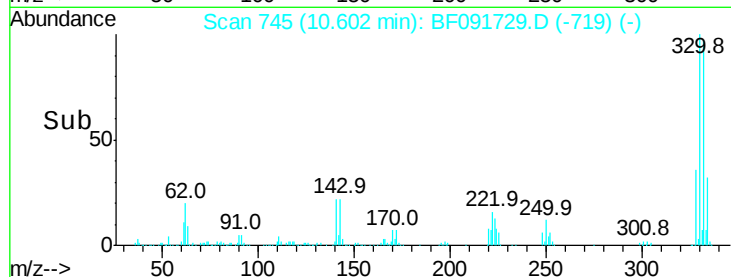
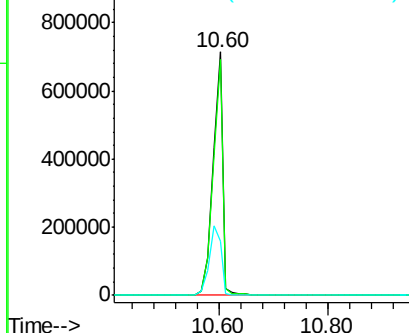
#41
 2,4,6-Tribromophenol
 Concen: 156.35 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	34.9	34.1	51.1

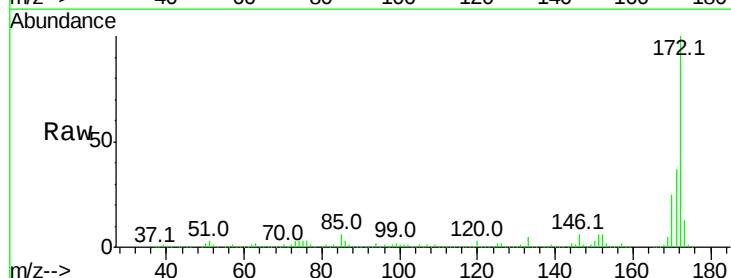


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

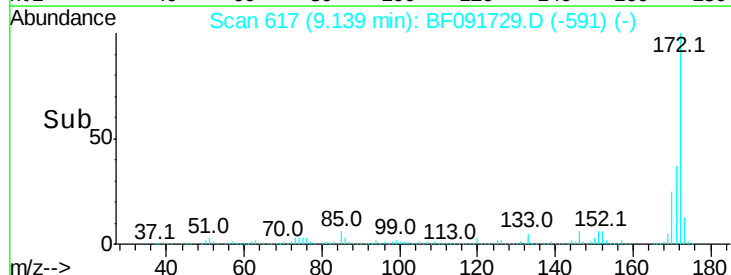
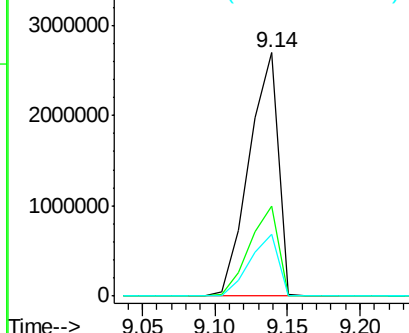


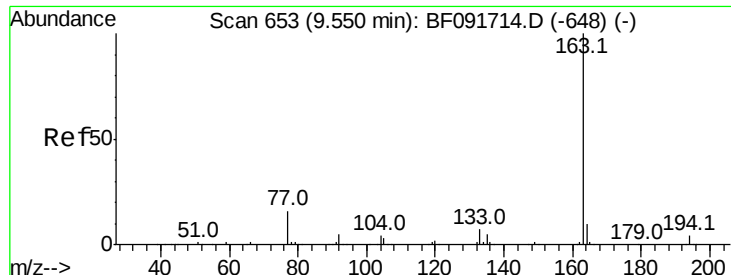
#44
 2-Fluorobiphenyl
 Concen: 110.02 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.2	20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

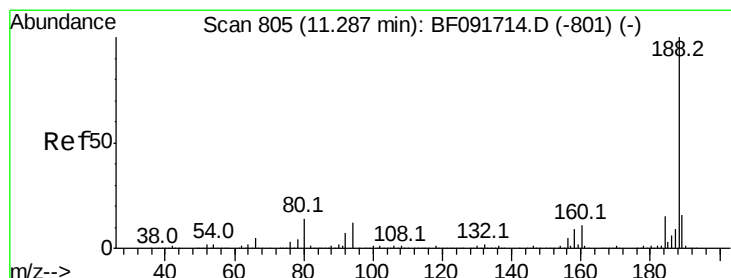
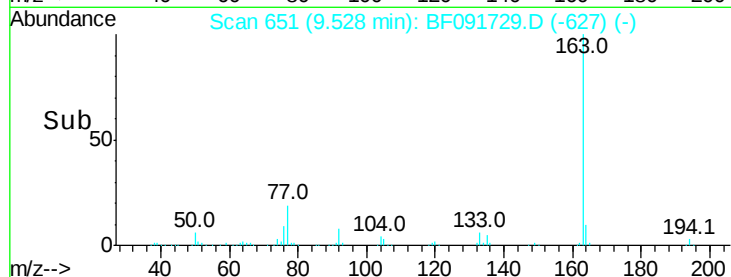
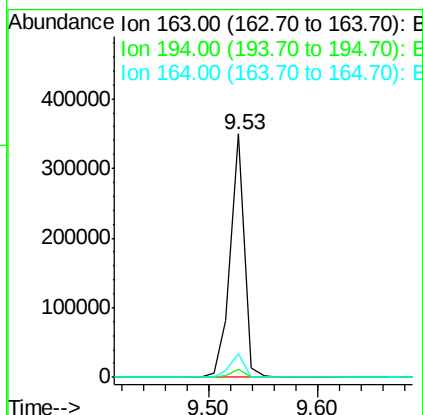
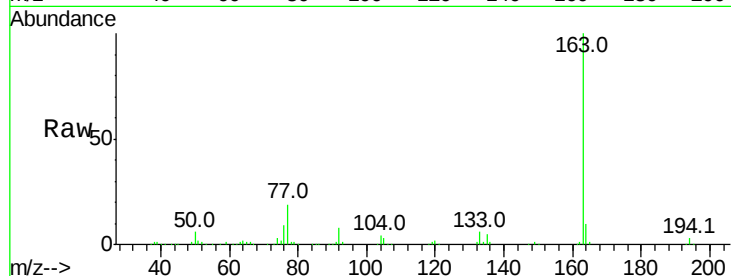




#49
Dimethylphthalate
Concen: 6.97 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

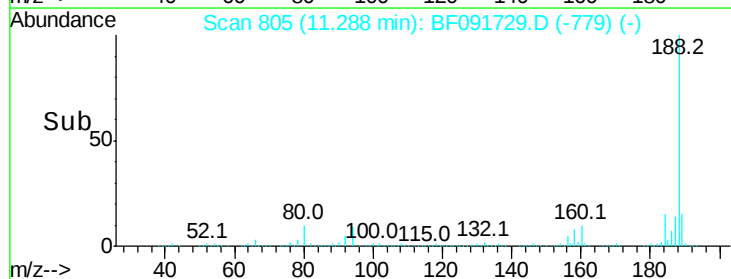
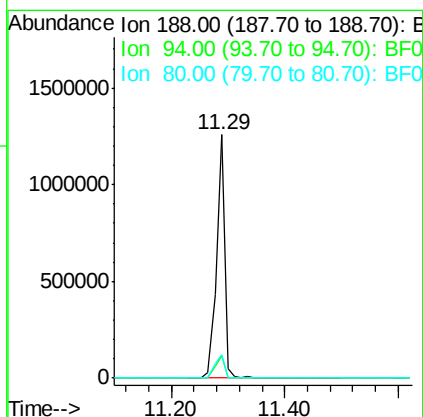
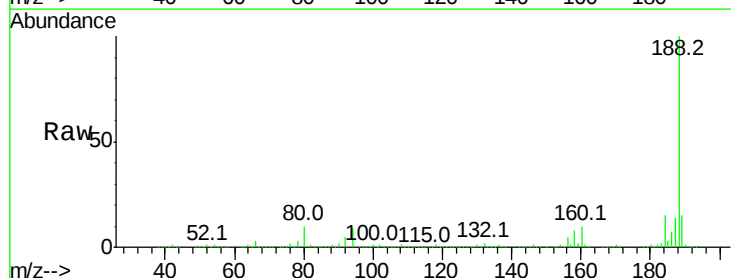
Instrument :
BNA_F
ClientSampleId :
SW01-121316

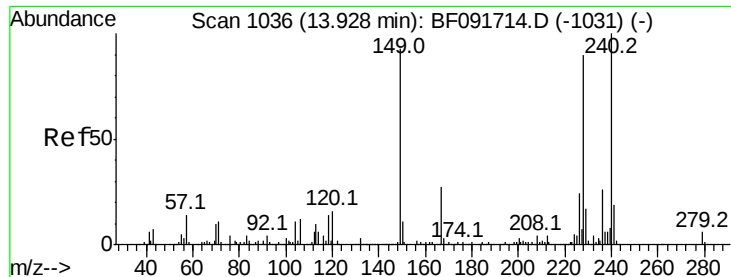
Tot Ion:163 Resp: 311797
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.8 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091729.D
Acq: 18 Dec 2016 3:59

Tgt Ion:188 Resp: 1233921
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.7 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

Instrument :

BNA_F

ClientSampleId :

SW01-121316

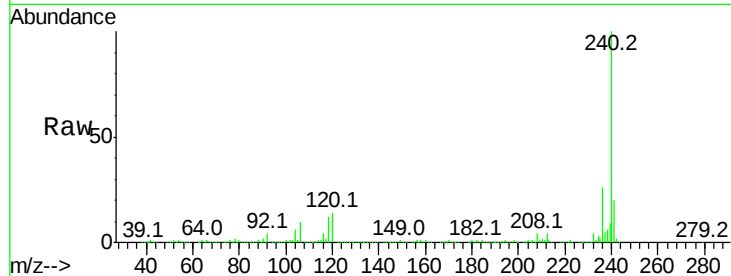
Tot Ion:240 Resp: 1007022

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

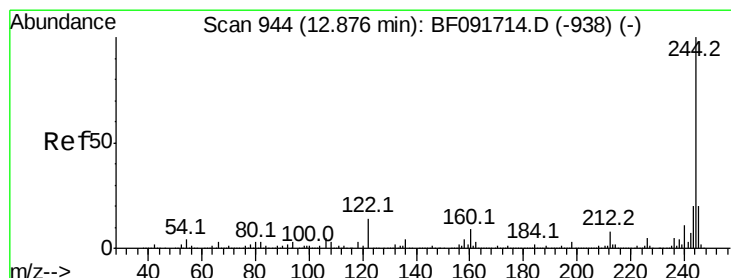
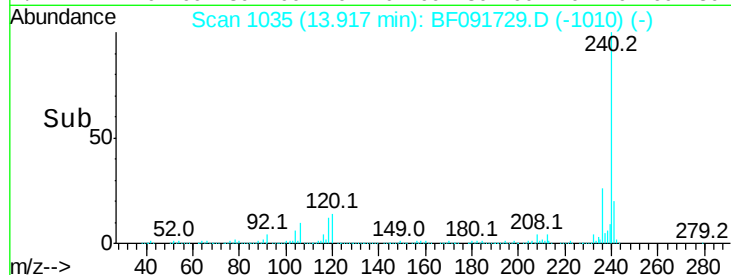
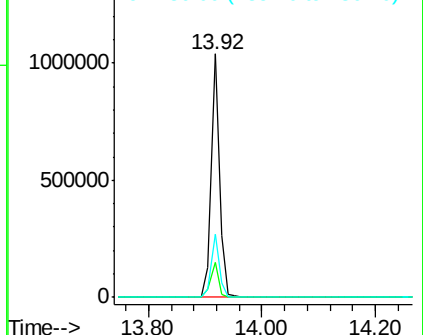
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 94.40 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF091729.D

Acq: 18 Dec 2016 3:59

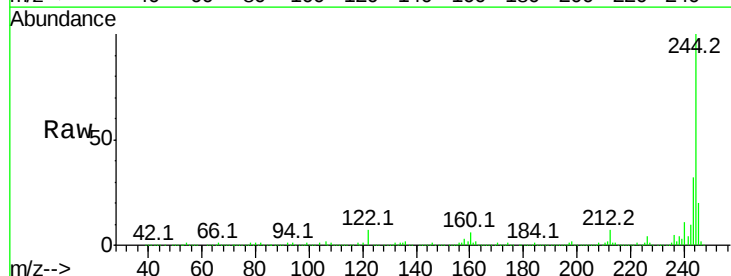
Tgt Ion:244 Resp: 3765114

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

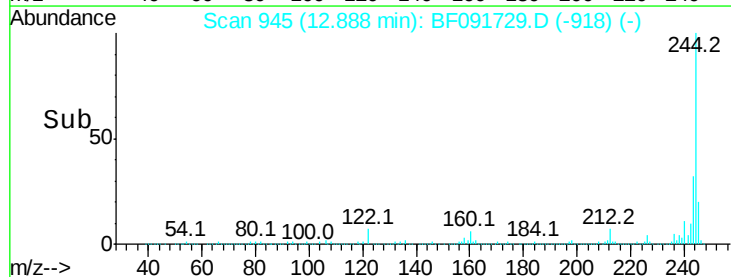
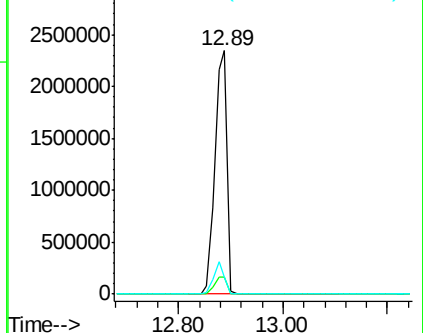
122 7.0 11.4 17.2#

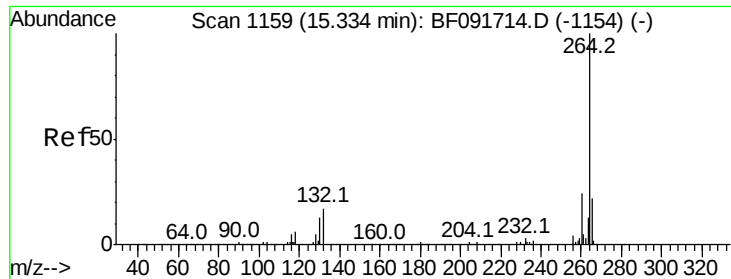


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091729.D
 Acq: 18 Dec 2016 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SW01-121316

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.4	26.0

